BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division,

No.BBMP/EE/DD/Ten/06/2016-17, Date: 03.11.2016

SCHEDULE-B

NAME OF WORK: Construction of public toilet nera NH 1st main Kempegowda nagara storm water drain in ward no. 15 T.Dasarahalli Zone

Sl. No	Description of work	Unit	Qty	Rate Quoted by the Contractor Sri Honnegowda K.G	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Earthwork excavation for foundation of buildings, water supply, sanitary, lines and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per the direction of Engineer-in-charge of the work.	cum	83.59	264.0	Rupees Two Hundred Sixty Four Only
2	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per the direction of Engineer-in-charge of the work.	cum	10.38	4628.0	Rupees Four Thousand Six Hundred Twenty Eight Only
3	Providing and constructing granite / trap / basalt size stone masonry in foundation in cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per the direction of Engineer-in-charge of the work	cum	11.27	3774.0	Rupees Three Thousand Seven Hundred Seventy Four Only
4	Providing and constructing granite / trap / size stone masonry in foundation with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per the direction of Engineer-in-charge of the work.	cum	8.40	4476.0	Rupees Four Thousand Four Hundred Seventy Six Only
5	Providing and laying in position plain cement concrete of mix M10 with OPC cement @220kgs.with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed,concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curingcomplete as per the direction of Engineer-in-charge of the work.	cum	1.87	5012.0	Rupees Five Thousand Twelve Only

Honnegowda K.G

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Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-56

6	Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per the direction of Engineer-in-charge of the work.	Sqm.	95.29	879.0	Rupees Eight Hundred Seventy Nine Only
7	Providing and constructing non- load bearing wall with cement concrete cavities blocks (hollow blocks) of proportion 1:5:3 blocks of size 40x10x20cms. (Lxbxh) strength not less than 50kg. Per sqm with cement mortar 1:4 conforming to I.S.2185 of 1967 having not less than 40mm.shell thickness 50% of total volume of block having two large cavities with 20mm. Wall thickness in between including cost of materials, labour charges, scaffolding, curing complete as per the direction of Engineer-in-charge of the work.	Sqm.	28.50	678.0	Rupees Six Hundred Seventy Eight Only
8	Providing and laying in position reinforced cement concrete of mix M20 with OPC cement @320kgs,with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum,with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008,machine nixed,concrete laid in layers not exceeding 15 cms. Thick vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns , piers , abutments, pillars , posts, struts , buttresses, string or lacing courses , parapets , coping , bed blocks, anchor blocks, plain window cills , fillets etc., including cost of all materials, labour, HOM of machinery, curing , complete as per the direction of Engineer-in-charge of the work.	cum	0.91	5011.0	Rupees Five Thousand Eleven Only
9	Providing and fixing door frame with or without ventilator made out of cold rolled steel section of thickness 1.25mm formed into section of 60mm x 105mm welded to form a rectangular door conforming to IS 513-1973 and phosphated and painted and wit hone coat of red oxide primer, two coat of approved enamel paints the frame work with 4nos of hold fast of size jelly and 4nos. of ISI marked hinges 125mm long welded to the frame and fixed with shutter made out of Honne wood styles and rails of 30mm thick with panels of 12mm thick 'Ecoboard' Plain Particle Board of exterior grade conforming to IS – 3087 excluding the cost of fixtures but including labour charges for fixing of fixtures. The hollow portion of the frame to be filed with c.c 1:2:4 o 20mm down size jelly. complete as per the direction of Engineer-in-charge of the work.	Sqm.	16.80	2168.0	Rupees Two Thousand One Hundred Sixty Eight Only

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10	Providing and fixing cold rolled prepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanished on both sides [illegible]gms/sq.mtr. Primer coat upto 5 microns with thermosetting epoxy resin and finish painted with a polyester based paint 20 microns thick. The size of profiles is approximately 46x52mm for external frames, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section shgould be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed stripes of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws. The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylon and hinges made out of CRCA powder coated. 4mm thick glass should be fixed with EPDM gaskets. The above frames are fixed to the concrete/masonry walls by means of self expanding screws. with 4mm float glass without guard bars complete as per the direction of Engineer-in-charge of the work.	cum	3.71	3470.0	Rupees Three Thousand Four Hundred Seventy Only
11	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. complete as per the direction of Engineer-in-charge of the work.	Sqm.	34.80	242.0	Rupees Two Hundred Forty Two Only
12	Extra for providing and mixing water proofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufactures, for cement mortar 1:3, 12mm thick cost of materials complete as per specifications complete as per the direction of Engineer-in-charge of the work.	Sqm.	34.80	7.0	Rupees Seven Only
13	Providing 15mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. complete as per the direction of Engineer-in-charge of the work.	Sqm.	187.20	156.0	Rupees One Hundred Fifty Six Only
14	Earthwork excavation (in deposited soil) and filling sides of foundation upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per the direction of Engineer-in-charge of the work.	cum	14.40	235.0	Rupees Two Hundred Thirty Five Only
15	Providing and laying in position reinforced cement concrete of mix 1:1,5:3 with 20 mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing complete as per the direction of Engineer-in-charge of the work.	cum	2.05	5657.0	Rupees Five Thousand Six Hundred Fifty Seven Only

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16	Providing and installing of per painted Galvolume Iron Trapezoidal Profiled Sheet of approved mark 1060 mm width (1000mm Cover width)28-30mm crest height with crest distance of 200mm c/c with 2 ribs at the center for stifening the total coated thickness TCT of the sheet will be 0.47 mm +--0.02mm tolerance Zinc Alu alloy coating AZ 150 gsm as per ASTm 1397/A755-550 complete as per the direction of Engineer-in-charge of the work.	Sqm.	60.00	759.0	Rupees Seven Hundred Fifty Nine Only
17	Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications, complete as per the direction of Engineer-in-charge of the work.	cum	10.08	227.0	Rupees Two Hundred Twenty Seven Only
18	Providing precast chequered mosaic tiles light shade using ordinary grey cement for steps and flooring, with precast 20mm thick, using marble chips of approved colour 7 to 10 nominal size laid in floors,steps and landings on a bed of 12mm thick cement mortar 1:6, mix, jointed with neat cement slurry mix with pigment to match the shade of tiles curing, rubbing, polishing , oxalic acid wash, wax polish, including cost of materials, labour, HOM machinery complete as per the direction of Engineer-in-charge of the work.	cum	29.64	1100.0	Rupees One Thousand One Hundred Only
19	Providing white glazed tiles of size 15 cms x 15 cms 6mm thick for flooring, treads of steps and landing, laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing using white cement including cost of materials, labour, complete as per the direction of Engineer-in-charge of the work.	cum	51.50	715.0	Rupees Seven Hundred Fifteen Only
20	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including curing etc., complete as per the direction of Engineer-in-charge of the work.	Sqm.	4.35	3400.0	Rupees Three Thousand Four Hundred Only
21	Providing and fixing white vitreous china clay, flat back or half stall urinal basin of size 580x380x350mm with 5 liters PVC automatic flushing cistern, C.I./M.S. brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps C.I. draft with outlet grating and other coupling in C.P. brass, painting of fitting and brackets cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per the direction of Engineer-in-charge of the work.	Each	2.00	4960.0	Rupees Four Thousand Nine Hundred Sixty Only
22	Providing and fixing white vitreous china clay, flat back or half stall urinal basin of size 580x380x350mm with 5 liters PVC automatic flushing cistern, C.I./M.S. brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps C.I. draft with outlet grating and other coupling in C.P. brass, painting of fitting and brackets cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per the direction of Engineer-in-charge of the work.	cum	3.00	4850.0	Rupees Four Thousand Eight Hundred Fifty Only

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